

DNA-PKCS(Phospho Thr2647) Polyclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP15254 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human DNA-PK around the phosphorylation site of Thr2647. AA range:2613-2662 |
| Mol wt | 469089 |
| Species reactivity | Human, Rat, Mouse |
| Clonality | Polyclonal |
| Recommended application | IHC-p, IF, ICC, ELISA |
| Concentration | 1 mg/ml |
| Full name | DNA-dependent protein kinase catalytic subunit |
| Synonyms | DNA-dependent protein kinase catalytic subunit; PRKDC; HYRC; HYRC1; DNA-dependent protein kinase catalytic subunit; DNA-PK catalytic subunit; DNA-PKcs; DNPk1; p460 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes the catalytic subunit of the DNA-dependent protein kinase (DNA-PK). It functions with the Ku70/Ku80 heterodimer protein in DNA double strand break repair and recombination. The protein encoded is a member of the PI3/PI4-kinase family.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

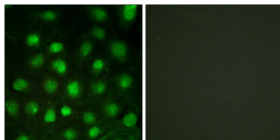
IF: 1: 200 - 1: 1000

ICC: 1: 200 - 1: 1000

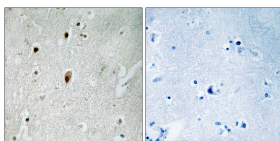
ELISA: 1: 10000

Not yet tested in other applications.

Images



Immunofluorescence analysis of HUVEC cells treated with serum 20% 30', using DNA-PK (Phospho-Thr2647) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human brain, using DNA-PK (Phospho-Thr2647) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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